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SEQ ID NO:04	L-LDST-L-----RETNS---LPNSLAES--TCYLIAPAFRRADSVPVCVEMDPMD	1	***** * * * * *
SEQ ID NO:06	T-RPIP-LC-----PSKFNc---RPNLAGS--TCYLIAPAFCRADSLRLRLEMDPMD		***** * * * * *
SEQ ID NO:10	-----MDPMD		***** * * * * *
SEQ ID NO:14	ICVSAT-TC-----SPPPPCSSLHHPHHLQSVDSSFL-PLFFR-----MEPMD		***** * * * * *
SEQ ID NO:20	ESPATRSCLRAHRRRPSPPSPSSGPPVGTRRRPQAQAPSFR-----RRGMDPMD		***** * * * * *
SEQ ID NO:22	-----MDPMD		***** * * * * *
SEQ ID NO:41	-----MDPMD	60	***** * * * * *
SEQ ID NO:04	IVGKSKEVDVSLPKSTMVKIIKEMLPPDVRRVARDQDLLVECCVEFINLSSSENEVCSRE	61	***** * * * * *
SEQ ID NO:06	IVGKSKEVDVSLPKSTMFKIIKEMLPPDVRRVARDQDLLVECCVEFINLSSSENEVCSRE		***** * * * * *
SEQ ID NO:10	IVGKSKEVDVSLPKSTMFKIIKEMLPPDVRRVARDQDLLVECCVEFINLSSSENEVCSRE		***** * * * * *
SEQ ID NO:14	IVGKAKEDASLPLPKATMTKIIKEMLPPDVRRVARDQDLLIECCVEFINLSSSENEVCNKE		***** * * * * *
SEQ ID NO:20	IVGKSKEVDVSLPKSTMVKIIKEMLPPDVRRVARDQDLLVECCVEFINLSSSENDVCSRD		***** * * * * *
SEQ ID NO:22	IVGKSKEVDVSLPKSTMVKIIKEMLPPDVRRVARDQDLLVECCVEFINLSSSENDVCSRD		***** * * * * *
SEQ ID NO:41	IVGKSKEDASLPLPKATMTKIIKEMLPPDVRRVARDQDLLIECCVEFINLSSSENDVCSNKE	120	***** * * * * *
SEQ ID NO:04	EKTIAPEHVIKALSDLGFREYIEEVYAAYEQHKLKETL-DSPKAGKFT-RIEMTEEEAVA	121	***** * * * * *
SEQ ID NO:06	EKTIAPEHVIKALSDLGFREYIEEVYAAYEQHKLDTL-DSPKAGKFT-GIEMTEEEAVA		***** * * * * *
SEQ ID NO:10	DKTIAPEHVLQDLGFREYIEEVQAAYEHHHKHDTL-DSPKASKFT-GVEMTEEQAVA		***** * * * * *
SEQ ID NO:14	ERTIAPEHVLKALGVLGFGKEYIEEVYAAYEQHKLKETLMDDSLKGAKWSNRAEMTEEEALA		***** * * * * *
SEQ ID NO:20	DKTIAPEHVIRALQDLGFKEYIEEVYAAYEQHKLKETL-DSPKATKFT-GIEMTEEEAVA		***** * * * * *
SEQ ID NO:22	DKTIAPEHVIRALQDLGFKEYIEEVYAAYEQHKLKETL-DSPKATKFT-GIEMTEEEAVA		***** * * * * *
SEQ ID NO:41	DKTIAPEHVLKALQVLGFGEYIEEVYAAYEQHKLKETLMDQTQRSVKKNNPQAGMTEEEAAA	180	***** * * * * *

FIG. 1A

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SEQ	ID NO:04	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
SEQ	ID NO:06	EQERMFAEARARMNNNGAPKPKPEPEQQPPQLPQAQPQ	-	IQLHTEPQQPMQSQQVQLHSQTO										
SEQ	ID NO:10	EQERMFAEARARMNNNGAPKPKETEQQPPQQPQAQPQ	-	IQLHTEPQQPVQSQVQLHSPTQ										
SEQ	ID NO:14	EQERMFAEARARMNNGAAKPKPEPEAQQQTQQPPQ	-	PQLHPQPQQPLQPQLQQLHPQPQ										
SEQ	ID NO:20	EQERMFAEARARMNNGAAKPKPEPALEPQNQOPQQPQPHLQ	-	QPHLQPAQQPPQQPQPHLQ										
SEQ	ID NO:22	EQERMFAEARARMNNGAAKPKPEPALEPQNQPQQPQPHLQ	-	QPHLQPAQQPPQQPQPHLQ										
SEQ	ID NO:41	EQERMFAEARARMNNGGVSVPQEHPETDQRS	-											

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SEQ	ID NO:04	*	*	*	*	*	*	*	*	*	*	*	*	*
SEQ	ID NO:06	HY---LQPQLQLHHQPQQQLPQVQLHSQQLPQQL	-	-QPVHLPQPQLQQVHQQLQQ										
SEQ	ID NO:10	HS---LQPQVQLHPQPQQLPQVQHSQTLHPQ	-	PQQPVQVQHPQLQQLPQQLQAHSQPPQ										
SEQ	ID NO:14	QQPSQLHPQLLHPQSQQTPO	-	-PQQPVHPQ-PQQPP-QLQPOPQLLQQPQLPQQLQ-										
SEQ	ID NO:20	QQPLHPQLQPYTQAPPQQPLQPLQPLQYQPAQPEQPLQPOSSGSI	-											
SEQ	ID NO:22	QQPL---QPFTQAPPQQPLHPQLQYQTAQAPPQQPQPLQYQPAQPEQPLQPOSSGSI	-											
SEQ	ID NO:41													

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SEQ	ID NO:04	PPQVQVHQQPEVQPQEQLQSSAQQTSQLQAGLLGQ	-	L-QSGHSQAQLQAGLLGQ										
SEQ	ID NO:06	P-QVQIHPQPQ-QPPQVQLQSSVQQTSQLQPPQVH	-	LYNHRGGGSQAQLQPLPGQ										
SEQ	ID NO:10	-PQLPPQQPQ-QPPQLQLQSQLHPQPQPPQLQ	-	P-QPQLHQQQPQQPQAAELQSQ										
SEQ	ID NO:14	-TGTCVISTAPSATGTTAAATSAPAIPA	-	-ISTAAPSATPADASAAAA										
SEQ	ID NO:20	TGTCVISAAAPSATGTLQPPQQSPQSQLHQQPQPTL	-											
SEQ	ID NO:22													
SEQ	ID NO:41													

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FIG. 1B

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FIG. 1C

*
LQTOAQQTGPDMDS
LQTQQQTGPGLDS
SQPQTEHGLD - SS

AATSTP ----- AT
TQLQAEHGLDWDS
----- PQS
361 373

SEQ ID NO: 04
SEQ ID NO: 06
SEQ ID NO: 10
SEQ ID NO: 14
SEQ ID NO: 20
SEQ ID NO: 22
SEQ ID NO: 41

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SEQ	ID NO: 28	---	MRKKLGTRFPAAARIKKIMQADEDVGKIALAVPVLVSRALLEFLQDLDIDRTYEITLQS
SEQ	ID NO: 32	---	MRKKLGTRFPAAARIKKIMQADEDVGKIALAVPVLVSRALLEFLQDLDIDRTYEITLQS
SEQ	ID NO: 34	---	MRKKLGTRFPAAARIKKIMQADEDVGKIALAVPVLVSRALLEFLQDLDIDRTYEITLQR
SEQ	ID NO: 40	---	TRRKKLGTRFPAAARIKKIMQADEDVGKIALAVPVLVSRALLEFLQDLDHSYKITLQS
SEQ	ID NO: 42	---	MPSKKKKYNARFPPARIKKIMQTDEEIGKVAAPVIIISRALEFLFESLLKKACQVTQSR

SEQ	ID NO: 28	DPENDESRSSKM--AIRNANTS	SPRGRRGRGRGRPPTKRKEVGYVQFEDESSMFAEQ
SEQ	ID NO: 32	DPENEESRSSKM--AVRSANI	SPRGRRGRGRGRPPTKRKEVGYVQFEDESSMFAEQ
SEQ	ID NO: 34	NDSDEEAKRSKM	HELGHTGSTGRGRGRGRPPLNR-EIYHODAESEPCTS
SEQ	ID NO: 40	DPENEERRSSKM--PIRSLN	TSPRGRRGRGRPPTKRKEIGYVQFEDESSMFAEQ
SEQ	ID NO: 42	KNGGMGTKS	K-----DKLSSGT

SEQ	ID	NO: 28	GET-----	-----LPGEGTVPEINSGNEITPQ-----	-----STQPLTAPQA
SEQ	ID	NO: 32	GEA-----	-----LPGEEETVPETIHGTEVPP-----	-----STHPPAEAPSAA
SEQ	ID	NO: 34	SNPQNTNTSVAMDGSSESKEIPIKEQNTIAVPVESTDSLRNIDLNAITNENDDKKASAADA		
SEQ	ID	NO: 40	SEP-----	-----LPGDEIVPETNRGNESIPO-----	-----SSHPLVAPSAM
SEQ	ID	NO: 42	SEQDESEDTDGEETTSQPPPQASHPSAHFQSPPPTPFLPFA-----	-----STLPLFPAPPGP	

FIG. 2A

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FIG. 2B

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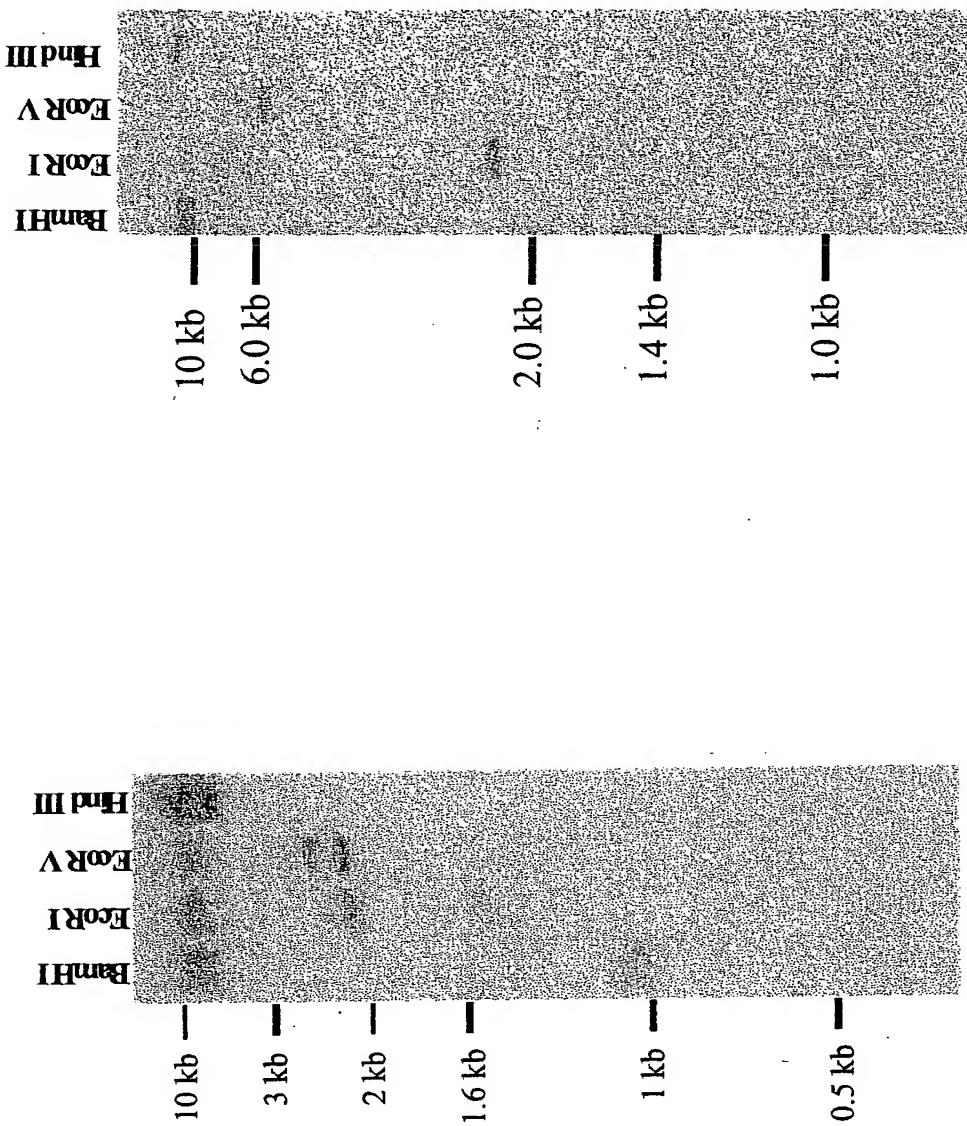


FIG. 3A
FIG. 3B

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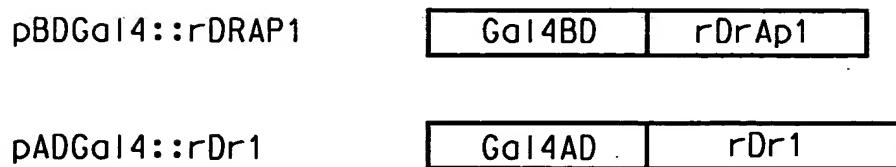


FIG. 4A

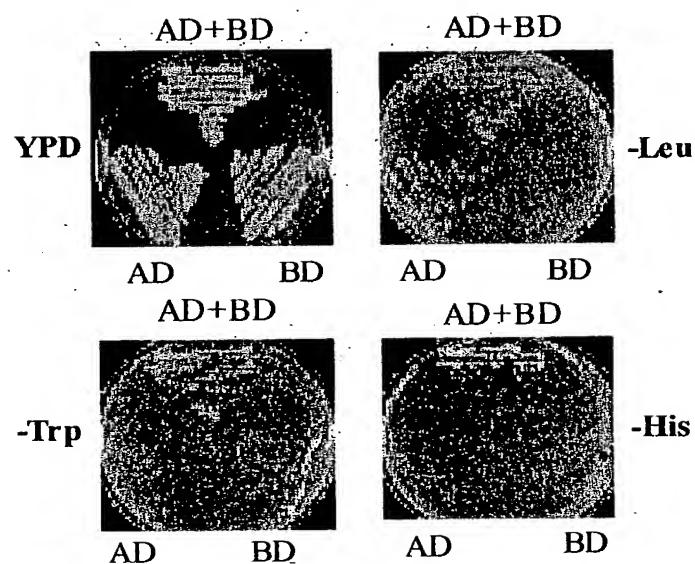


FIG. 4B

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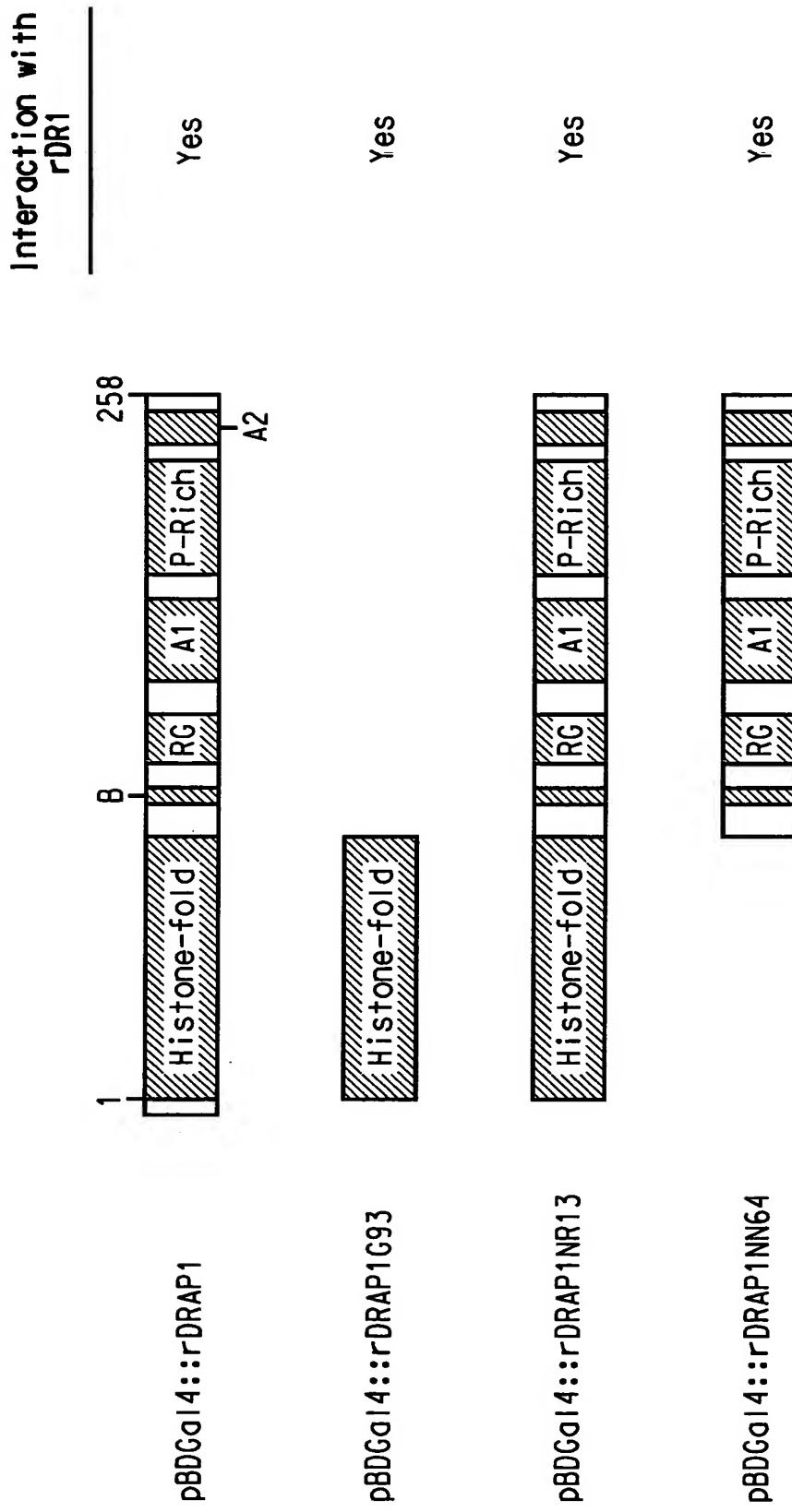


FIG. 4C

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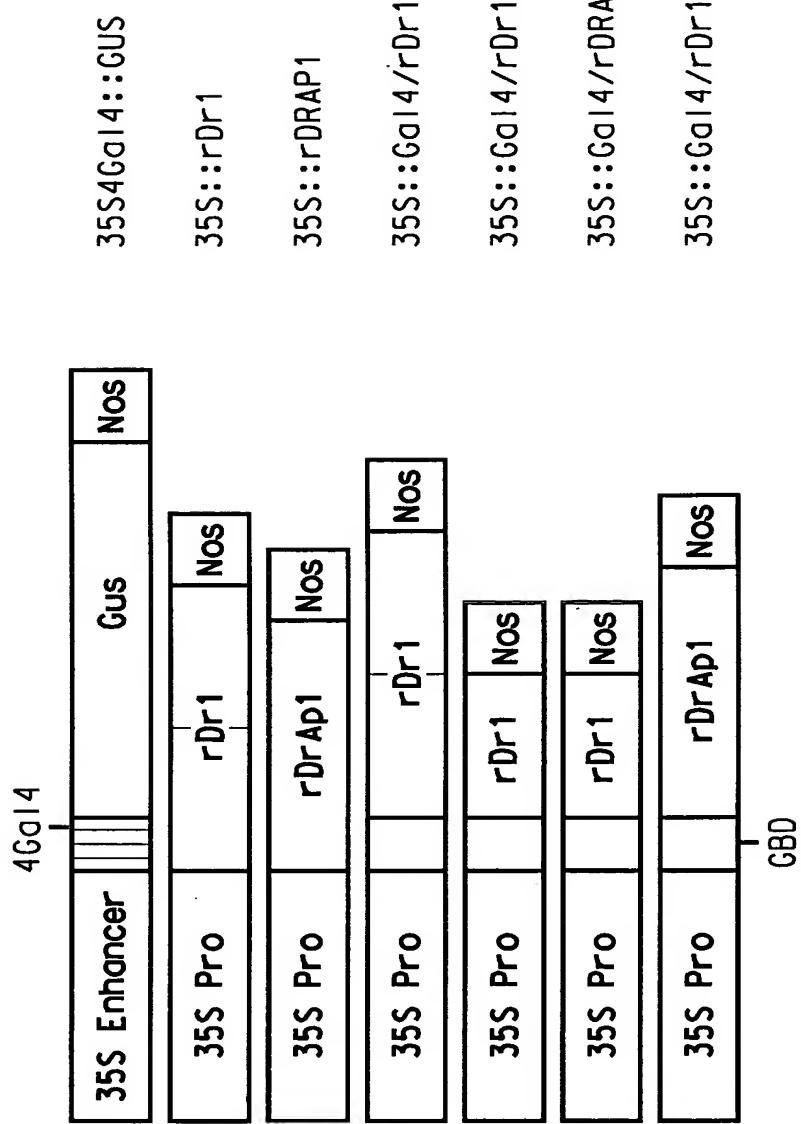


FIG. 5A

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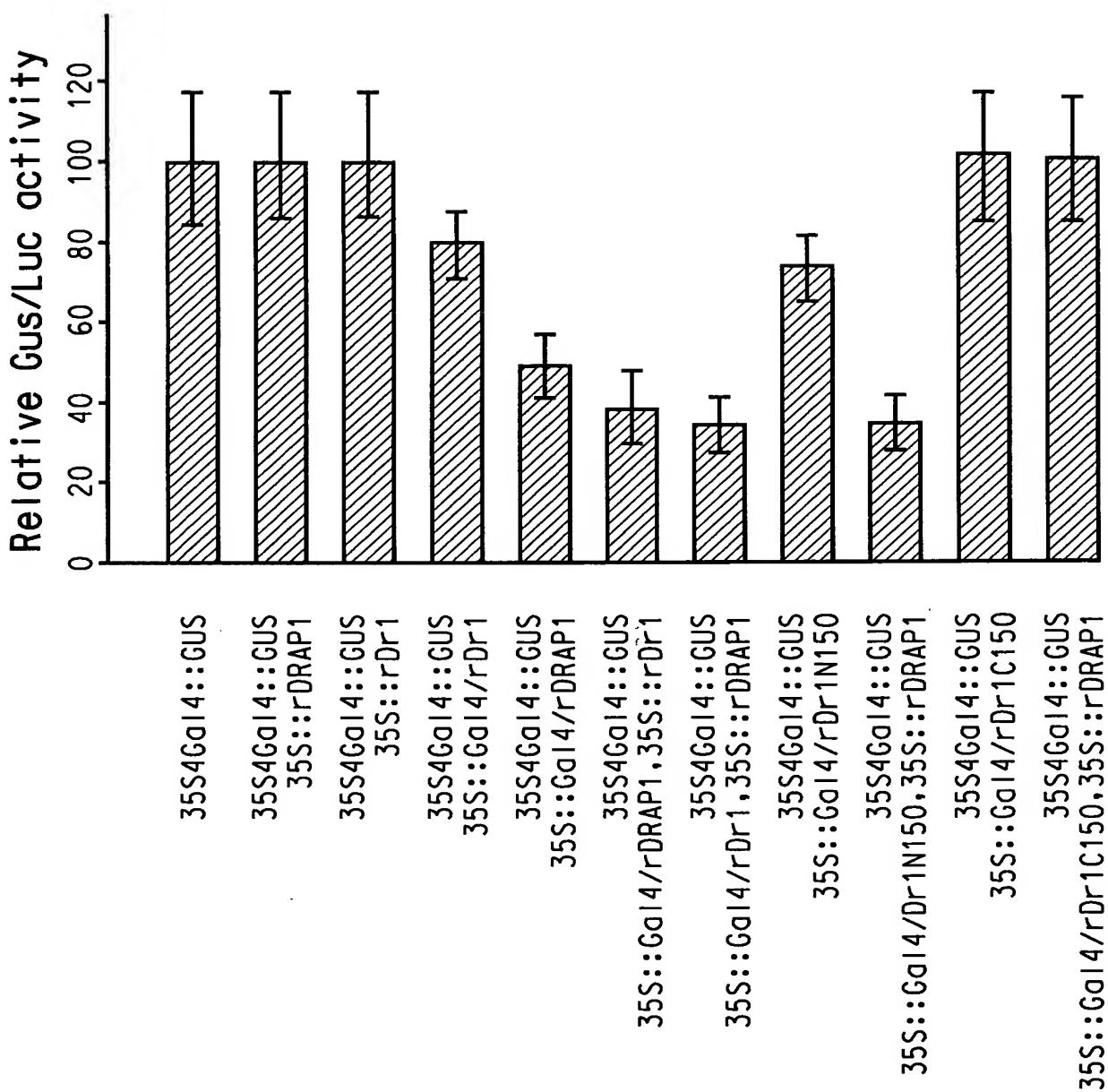


FIG. 5B

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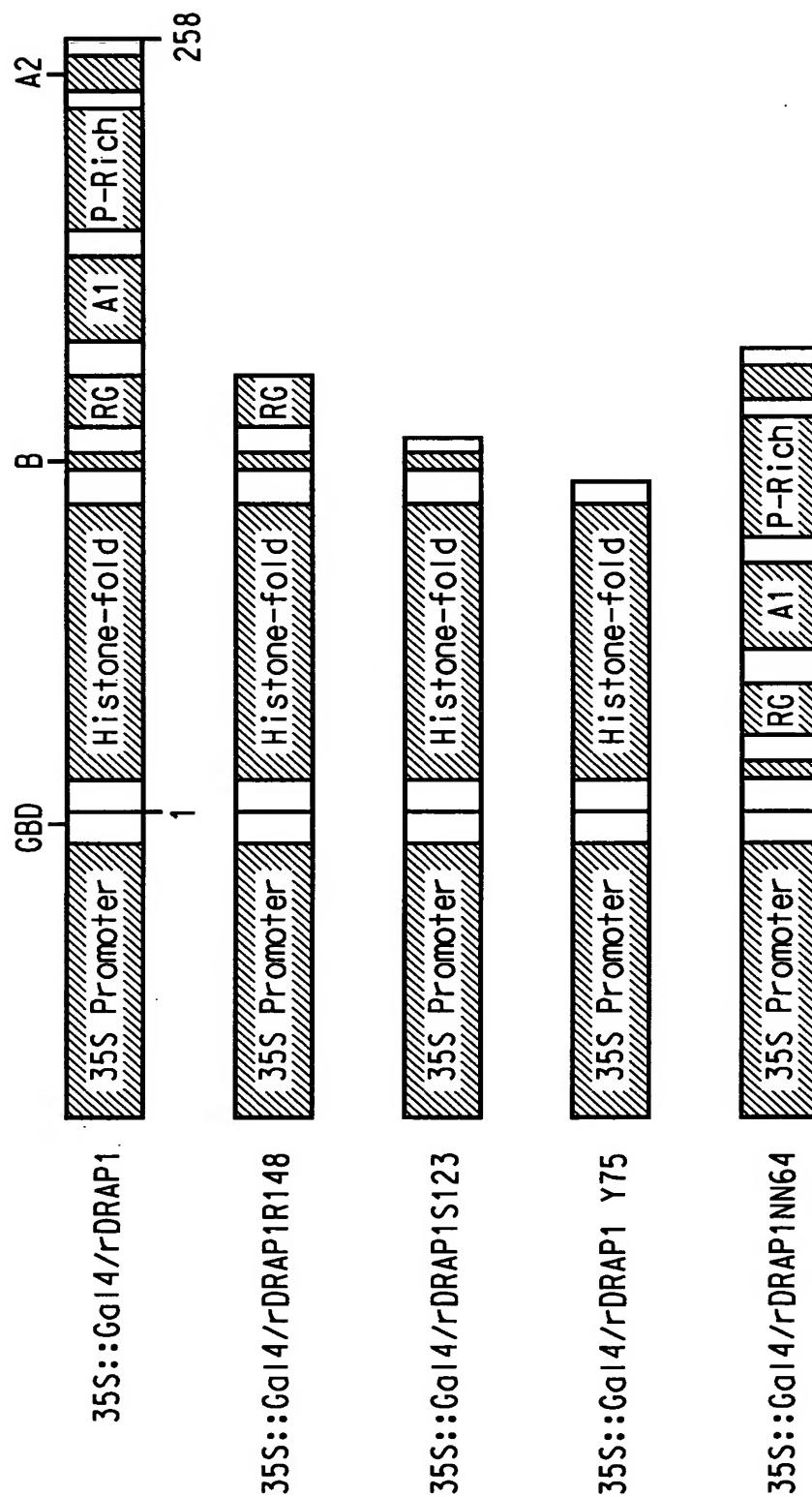


FIG 6A

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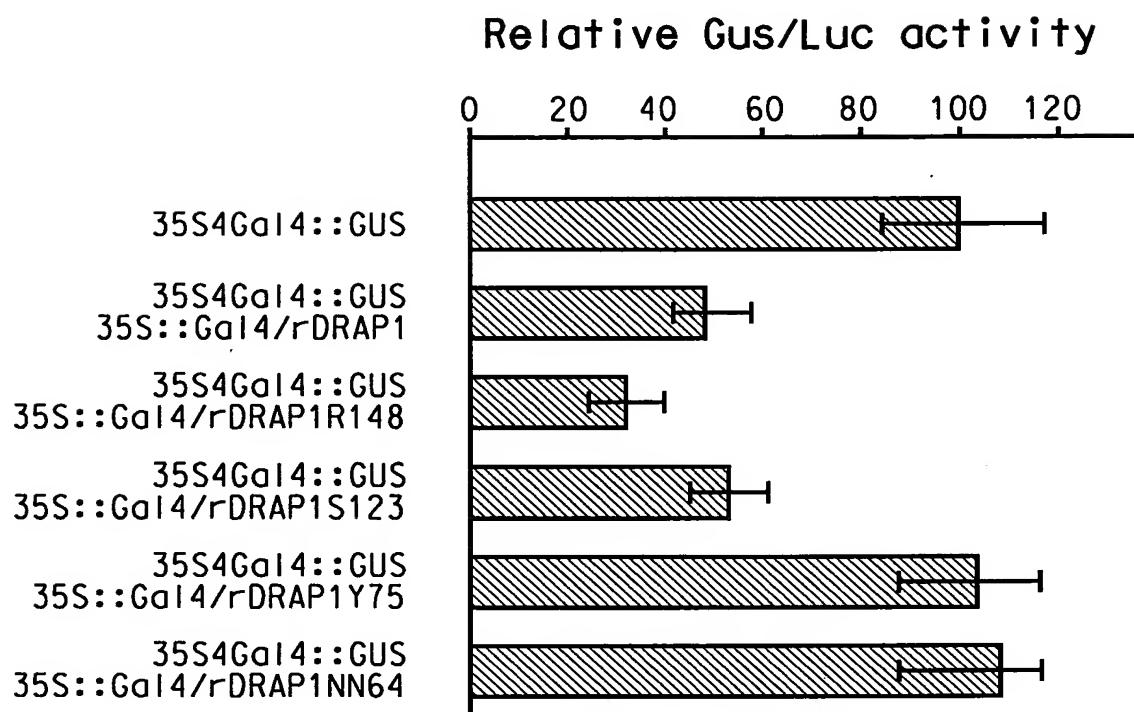


FIG. 6B

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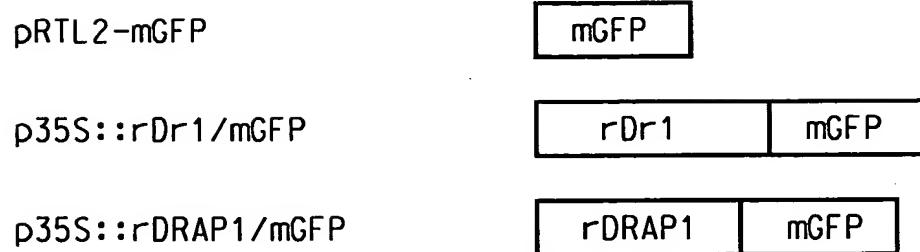


FIG. 7A

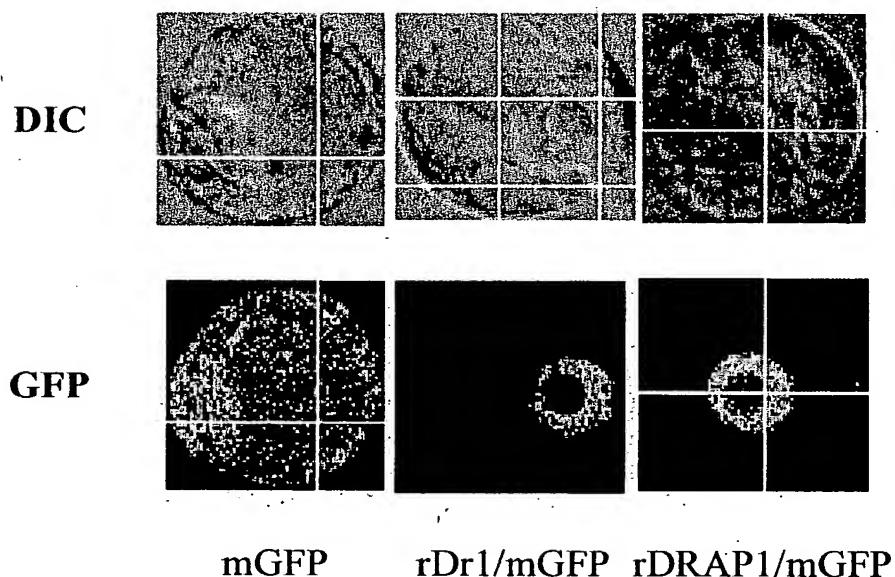


FIG. 7B

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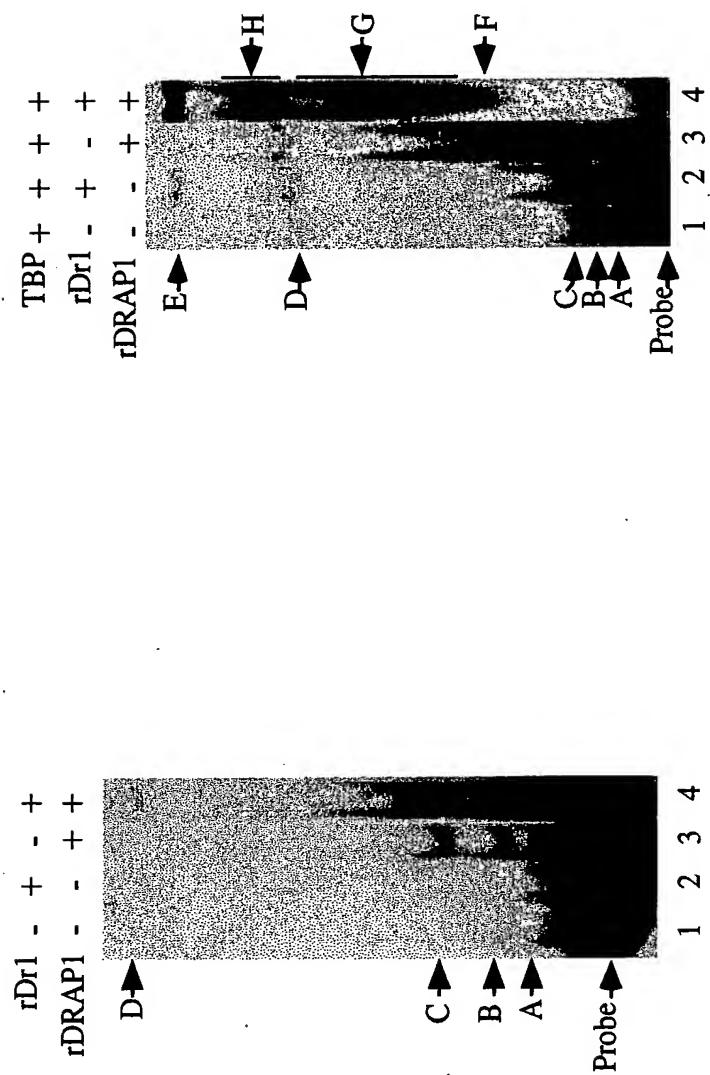


FIG. 8A
FIG. 8B

Title: Plant Genes Encoding DR1 & DRAP1 A
Global Repressor Complex of Transcription
Inventor: Stephen M. Allen
Application: Unknown
Docket: BB1107US CON

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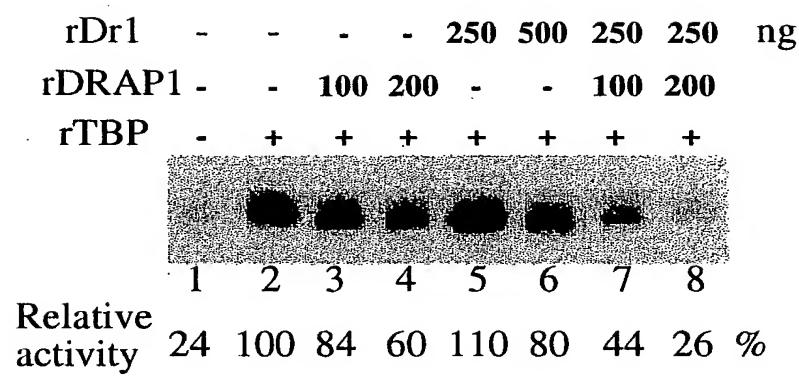


FIG. 9